

PTO/5B/06a (07-09)  
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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/610,487-Conf. #5330
		Filing Date	June 30, 2003
		First Named Inventor	Eric J. Horvitz
		Art Unit	2175
		Examiner Name	A. A. Zaher
Sheet	1	of	5
		Attorney Docket Number	M1103.70728US00

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1*	US-D494,584	08-17-2004	Schlieffers et al.	
	A2*	US-7,385,501	06-10-2008	Miller et al.	
	A3*	US-7,209,955	04-24-2007	Major et al.	
	A4*	US-7,195,157	03-27-2007	Swartz et al.	
	A5*	US-7,171,378	01-30-2007	Petrovich et al.	
	A6*	US-7,162,238	01-09-2007	Massie et al.	
	A7*	US-7,139,718	11-21-2006	Jeyachandran et al.	
	A8*	US-7,063,263	06-20-2006	Swartz et al.	
	A9*	US-7,040,541	05-09-2006	Swartz et al.	
	A10*	US-7,010,501	03-07-2006	Roslak et al.	
	A11*	US-6,853,634	02-08-2005	Davies et al.	
	A12*	US-6,837,436	01-04-2005	Swartz et al.	
	A13*	US-6,796,505	09-28-2004	Pellaumail et al.	
	A14*	US-6,781,972	08-24-2004	Anderlind et al.	
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	A16*	US-6,741,188	05-25-2004	Miller et al.	
	A17*	US-6,697,840	02-24-2004	Godefroid et al.	
	A18*	US-6,678,719	01-13-2004	Stimmel	
	A19*	US-6,674,720	01-06-2004	Passint et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		
	B1	EP-0375138-A2		06-27-1990	Ibm	
	B2	EP-1022670-A2		07-26-2000	Pitney Bowes Ltd	
	B3	GB-2353679-A		02-28-2001	Ibm	
	B4	WO-0051040-A1		08-31-2000	Koninkl Kpn Nv et al.	
	B5	WO-0101264-A1		01-04-2001	Cellmania Com Inc	
	B6	WO-0109753-A2		02-06-2001	Microsoft Corp	

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	A20*	US-6,672,506	01-06-2004	Swartz et al.	
	A21*	US-6,542,868	04-01-2003	Badt et al.	
	A22*	US-6,499,021	12-24-2002	Abu-Hakima	
	A23*	US-6,463,471	10-08-2002	Dreke et al.	
	A24*	US-6,463,462	10-08-2002	Smith et al.	
	A25*	US-6,374,289	04-16-2002	Delaney et al.	
	A26*	US-6,353,398	03-05-2002	Amin et al.	
	A27*	US-6,332,127	12-18-2001	Bandera et al.	
	A28*	US-6,256,664	07-03-2001	Donoho et al.	
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	A30*	US-6,078,568	06-20-2000	Wright et al.	
	A31*	US-6,055,505	04-25-2000	Elston	
	A32*	US-2008-0161018	07-03-2008	Miller et al.	
	A33*	US-2008-0091537	04-17-2008	Miller et al.	
	A34*	US-2008-0090591	04-17-2008	Miller et al.	
	A35*	US-2007-0214228	09-13-2007	Horvitz et al.	
	A36*	US-2007-0011314	01-11-2007	Horvitz et al.	
	A37*	US-2006-0019676	01-26-2006	Miller et al.	
	A38*	US-2005-0272442	12-08-2005	Miller et al.	

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	B7	WO-0158119-A2	08-09-2001	Envoy Worldwide Inc	
	B8	WO-0169532-A1	09-20-2001	Gen Electric	

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	BREESE et al., "Empirical analysis of predictive algorithms for collaborative filtering", Proceedings of the 14th Conference on Uncertainty in AI, 1998 pg. 43-52, AUAI, Morgan Kaufmann, San Francisco	
	C2	CZERWINSKI et al., "Visualizing implicit queries for information management and retrieval", Proceedings of CHI'99, ACM SIGCHI Conf on Information and Knowledge Management, 1999, pg. 560-567	
	C3	DUMAIS et al., "Inductive learning algorithms and representations for text categorization", Proceedings of 7th Intl Conf on Information and Knowledge Management, 1998, pgs 148-155	
	C4	EP Search Report dated June 20, 2005 for EP 02025530	
	C5	HORVITZ et al., "Display of Information for time-critical decision making" Proceedings of the 11th Conference on uncertainty in AI, 1995, pg. 296-305, Montreal, Canada	
	C6	HORVITZ et al., "The Lumiere project: Bayesian user modeling for inferring the goals and needs of software users", Proceedings of the 14th conference on uncertainty in AI, 1998, pg. 256-265, Morgan Kaufmann, San Francisco	
	C7	HORVITZ, "Principles of mixed-initiative user interfaces" Proceedings of CHI'99, ACM SIGCHI Conf on Human Factors in Computing Systems, 1999, pgs. 159-166, Pittsburgh, PA	
	C8	HORVITZ, "Time dependant utility and action under uncertainty", Proceedings of the 7th Conference on Uncertainty in AI, LA, CA, 1991 pgs. 151-158, Morgan Kaufmann, San Francisco	
	C9	HORVITZ, "Time-critical action: Representations and Application", Proceedings of the 13th Conference on Uncertainty in AI (UAI-97), 1997, pgs. 250-257, Providence, RI, Morgan Kaufmann, San Francisco	
	C10	International Search Report dated June 28, 2006 for International Application Serial No. PCT/US04/19915	

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.Z./

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	C11	KALAKOTA et al., "Mobile Agents and Mobile Workers", Proceedings of the European Conference on Machine Learning, April 21, 1998, pp. 137-142, Germany	
	C12	KOLLER et al., "Toward optimal feature selection", Proceedings of 13th conference on machine learning, 1998, pp. 284-293, Morgan Kaufmann, San Francisco	
	C13	KOZIEROK et al., "A Learning Interface Agent for Scheduled Meetings", february 2003, pp. 81-93	
	C14	LASHKARI et al., "Collaborative Interface Agents", Proceedings AAAI, National Conference on Artificial Intelligence, July 21, 1994, vol. 1, pp. 444-449	
	C15	LEE et al., "Learning and Predicting User Behavior for Particular Resource Use", Proceedings of the Florida Artificial Intelligence Research Symposium, May 21, 2001, pp. 177-181	
	C16	LEIBERMAN, "Letizia: An Agent that assists web browsing", Proceedings of IJCAI-95, 1995, 6 pgs, Montreal, Canada, Morgan Kaufmann, San Francisco	
	C17	LOKE et al., "Location-Based Personal Agents: A Metaphor for Situated Computing", Parallel Processing, 2000 Internation Workshops, August 21, 2000, pp. 17-19	
	C18	Partial European Search Report dated March 17, 2005 for EP Application No. 02025530, 3 pages	
	C19	PLATT, "Fast Training of Support Vector Machines Using Sequential Minimal Optimization", Advances in Kernel Methods, Support Vector Learning, 1999 pp. 41-65, MIT Press, Cambridge, MA.	
	C20	SAHAMI et al., "A Bayesian approach to filtering junk email" Workshop on learning for text categorizations, 1998, 8 pgs, AAAI technical Report WS-98-05, AAAI	

Examiner Signature	/Ashraf Zaher/ (02/08/2010)	Date Considered	
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